

VESELOV, G. M.

1444. Rezanije merzlogo grunta elementarnymi profilyami. M., 1954. 16 s. 20 sm. (Akad. nauk SSSR. In-t gornogo dela). 100 ekz. B. ts. -(54-54862)

SO: Knizhaya Letopis', Vol. 1, 1955

VESELOV, G. M.

"Cutting Frozen Ground With Simple-Profile Cutters". Cand Tech
Sci, Inst of Mining, Acad Sci USSR, 7 Jan 55. (VM, 28 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

VESELOV, G.M.

ZELININ, A.N.: VESLOV, G.M.

Investigation on cutting frozen ground. Trudy Inst. gor. dela
(MIRA 10:6)

4:57-72 '57.

(Mining engineering)

(Frozen ground)

Veselov, G.M.

ZELENIN, A.N., doktor tekhn.nauk (Moskva); VESELOV, G.M., kand.tekhn.
nauk (Moskva); STEPANOV, A.P., inzh. (Moskva)

Features of the change in strength of frozen ground following
deterioration. Stroil. pred. naft. prom. 2 no.12:7-11 D '57.
(MIRA 11:3)

(Frozen ground)

VESELOV G.M.

KONYASHIN, Yu.G., kand.tekhn.nauk; VESELOV, G.M., kand.tekhn.nauk.

Using the experience of an efficient worker of the Road Scientific Research Institute for evaluating resistance of frozen and thawed grounds to grading. Stroi. i dor. mashinostr. 2 no.12:14-15 D '57.
(MIRA 11:2)

(Frozen ground) (Excavation)

VESELOV, G.M., kand.tekhn.nauk; KONYASHIN, Yu.G., kand.tekhn.nauk

Efficiency of using high-speed water jets for cutting sandstones
and shales. Nauch.sob.Inst.gor.dela 5:101-107 '60. (MIRA 15:1)
(Hydraulic mining)

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; VESELOV,
Georgiy Mikhaylovich; KONYASHIN, Yuriy Gavrilovich;
GEYMAN, L.M., red. izd-va; POLYAKOVA, T.V., tekhn. red.

[Experimental studies of the breaking of rocks by percus-
sion drilling] Eksperimental'nye issledovaniia protsessov razru-
sheniia gornykh porod udarom. Moskva, Izd-vo Akad. nauk SSSR,
1962. 217 p. (MIRA 15:5)
(Boring) (Rocks—Testing)

VESELOV, G.M.

Changes in the strength characteristics of frozen ground depending
on its moisture. Fiz. mekh. svois., dav. i razr. gor. porod. no.2:
127-130 '63. (MIRA 17:1)

VESELOV, G.M.; KONYASHIN, Yu.G.; RODIONOV, N.S.

Method of measuring the volume of a cut-hole in single strike rock
breaking. Fiz. mekh. svois., dav. i razr. gor. porod. no.2:107-108
'63. (MIRA 17:1)

VESELOV, G.M., kand. tekhn. nauk; STEPANOV, A.P., kand. tekhn. nauk

Experimental determination of coefficients of friction of
frozen ground. Nauch. soob. IGD 15:137-139 '62. (MIRA 17:2)

VESELOV, G.M., kand.tekhn.nauk

Correlation of the indices of the resistance of rocks to breaking
with the temporary resistance to crushing. Nauch. soob. IGD 21:111-
117 '63. (MIRA 17:2)

KONYASHIN, Yu.G., kand. tekhn. nauk; VESELOV, G.M.

Using high-speed impulse jets to cut rocks. Nauch. soob. IGD
20:106-118 '63. (MIRA 16:10)

(Hydraulic mining—Equipment and supplies)

VESELKOV, G.P.

Optimization of cascaded Tshebyshev transformers. Izv. vys.
ucheb. zav.; radiotekh. 6 no.3:316-319 My-Je '63. (MIRA 16:9)

1. Rekomendovano kafedroy radiopere dayushchikh ustroystv Tagan-
rogs kogo radiotekhnicheskogo instituta.
(Radio lines) (Wave guides) (Electric transformers)

MURAV'YEV, I.S.; IVANOV, Ye.Ye.; VFSELOV, G.S.

Facies of the terrigenous Devonian on the eastern slope of the
northern dome of the Tatar arch. Trudy VNIGNI no.20:38-52 '59.
(MIRA 13:6)

(Tatar A.S.S.R.—Geology, Stratigraphic)

YEL'NIK, A.G.; VESELOV, G.V.

Investigating noise on the motorship "Beloretsk". Inform. sbor.
TSNIIMF no.96. Tekh. ekspl. mor. flota no.23:30-39 '63
(MIRA 18:1)

VESELOV, I.

We are increasing the output of sledges and arcs. Prom.koop.
no.12:50-51 D '55. (MIRA 9:5)

1. Nachal'nik Otdela tekhnicheskogo kontrolya arteli "Avangard"
Kalininskogo obliespromsoyuz.
(Sleighs and sledges) (Harness)

VESELKOV, I.A.

Phase stabilization in a one-stage resonance amplifier by means
of feedback. Izv. TPI 105:187-189 '60. (MIRA 16:8)

1. Predstavleno nauchnym seminarom radiotekhnicheskogo fakul'teta
Tomskogo ordena Trudovogo Krasnogo Znameni politekhnicheskogo
instituta imeni Kirova.
(Amplifiers (Electronics))

VISHNEVSKIY, A.S.; KHODYKIN, A.V.; Prinimali uchastiye: VESELOV, I.A.,
vrach; PINCHUKOV, Ye.F., vrach; GLUSHKO, B.I., vrach;
CHVAMANIYA, A.Ye., vrach; FILIPPOVA, Ye.I., vrach; GOLUBOVA, L.M.,
vrach; SHEVCHENKO, M.M., vrach; MALYGINA, V.F., vrach

Sanatorium and health resort treatment of chronic pancreatitis
(immediate and late results). Trudy TSIU 72:110-122 '64.
(MIRA 18:11)

1. Kafedra kurortnoy terapii (zav. prof. A.S. Vishnevskiy)
TSentral'nogo instituta usovershenstvovaniya vrachey.

VESELOV, I.G.; LEBEDEV, V.A., red.; SHERMUSHENKO, T.A., tekhn.red.

[Perennial cultivated pastures] Dolgoletnie kul'turnye
pastbishcha. Leningrad, Lenizdat, 1960. 161 p. (MIRA 13:11)

(Pastures and meadows)

VESELOV, I.V.; AVER'YANOV, V.M., energetik

Concerning the improvement in the training of specialists in
the field of electrification of industrial enterprises. Prom.
energ. 16 no.4:49-50 Ap '61. (MIRA 14:9)

1. ~~Rizhskiy superfosfatnyy zavod~~ (for Veselov).
(Electrification)
(Electric engineering—Education and training)

VESELOV, I.Ya.

Book reviews. Prikl. biokhim. i mikrobiol. 1 no.2:253-255
Mr-Ap '65. (MIRA 18:11)

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CA

PROCESSING AND PROCESSING INDEX

A preliminary fermentation of must in brewing. I. Ya. Vsevolov, P. D. Krichak, P. M. Osipov and P. S. Sapozhnikov. *Sbornik Nauch.-Issled.matei. Rabot. Sektora Pivovarn. Prom. 1939*, 3-10; Khim. Referat, Zhur. 1940, No. 6, 133.—A dirty sediment consisting of yeast and a colloidal mass is formed by the fermentation of must. The preliminary fermentation produces a uniform d. of the mass, a uniform course of the fermentation process and increases the velocity of the subsequent fermentation in the tanks. The method increases the yield of high-grade yeast and decreases the amt. of dead cells pptd. into the sediment in the tank. W. R. Mann

ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

RESEARCH DIVISION

COLLECT ONE

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1ST AND 2ND DEGREE																										3RD AND 4TH DEGREE																																																																													
PROCESS AND PROPERTIES INDEX																																																																																																							
CA										<p>Conditions for the application of proteolytic malt in the brewing industry. I. Ya. Vasilov and L. I. Naumova. <i>Sbornik Nauch.-Issledovatel.-Rabot. Sektora Pivovarnennoi Shornik Nauch.-Issledovatel.-Rabot. Sektora Pivovarnennoi Prom. 1939, 83-85; Khim. Referat. Zhur. 1941, No. 6, 135.</i>—Proteolytic malt was made by steeping ordinary green malt in an acid mash prepd. by inoculation with lactic acid bacteria. The use of 3-6% proteolytic malt increases the yield of the ext. by 0.94-1.80% (best results are obtained with 6% proteolytic malt) and decreases the time of the saccharification. Addn. of proteolytic malt has a greater effect on summer-germinated malt. The less the malt is dissolved and the harder the water the larger the yield of the ext. Addn. of proteolytic malt (6%) accelerates the filtration of the mash. The tech. conditions for growing the culture are given. W. R. H.</p>																																																																																													
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PROCESSES AND PROPERTIES MORE

The effect of carbon dioxide on the saccharification of starch by enzymes and inorganic acids. I. Ya. Veselov. *Sbornik Nauch.-Issledovatel. Rabot Sektora Pionirovskoi Prom. 1939*, 111 19; *Khim. Referat. Zhur.* 1940, No. 6, 132 3.—The method proposed by Danilovich for saccharifying starch with CO_2 was verified. Studies of the effect of CO_2 at 8-20 atm., pH 4.2-6.2 and 65 (90°) on rye flour inactivated with respect to the enzymes indicate that under these conditions no saccharification takes place. The velocity and completeness of the enzymic saccharification of flour starch increase at 8-20 atm. pressure of CO_2 , but no complete decompos. of starch to maltose was observed at higher temps. (145-150°) and at CO_2 pressures of 8-12 atm. the amt. of the sugar formed is inversely proportional to the pH of the medium. At pH 3 up to 82% of starch is hydrolyzed in 1.5 hrs. At lower temps. (50-85°) there was a considerable decrease of the amt. of sugar formed.

This indicates the importance of the exptl. temp. in the saccharification of starch by mineral acids and CO_2 . V. concludes that the method of Danilovich does not produce large proportions of sugar from the hydrolysis of starch-contg. substances.

W. R. Henn

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

28000 27000 26000 25000 24000 23000 22000 21000 20000 19000 18000 17000 16000 15000 14000 13000 12000 11000 10000 9000 8000 7000 6000 5000 4000 3000 2000 1000 0

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QA

The treatment of beer yeast with sulfuric acid to destroy
S. coli. I. Ya. Vasylov and A. L. Kleimenova. *Micro-*
biology (U. S. S. R.) 8, No. 1, (9-73(1979)); *Khim.*
Referat Khim. 1979, No. 10, 51-4. —H₂SO₄ in 0.4%
 concn. is optimum for the destruction of *S. coli*. This
 gives pH 1.1-1.3 and produces stable, dust-like yeast.
 Yeast can be transformed successfully into such a dust-
 like state by acidification and into a flaky state by alkali-
 zing the medium. In 0.2-1.0% concn. H₂SO₄ destroys
 the yeast. W. R. Henn

ASG-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM STIRLING

SEARCHED MAP ONLY DATE

CLASSIFIED

CLASSIFIED BY DATE

TEST AND PROPERTIES MORE		PROCESSING AND PROPERTIES MORE	
16		16	
CA		<p>The role of the acidity of the medium in the fermentation of malt. I. A. Vachov. <i>Khimiya i Tekhnologiya</i> 1940, No. 2, 123. Barley steeped for 44 hrs. was acidified by spraying. The diastatic power of green malt, velocity of saccharification and yield of the ext. in dry malt, wt. and amine N in the lab. must and the color of the must were detd. Optimum germination and intensity of growth and max. diastatic power occurred on spraying with 0.1% H_2SO_4 soln. during the 1st day of sprouting. The amt. of acid used was 100 g. per 1 ton of barley. For acidification with superphosphate, best results were obtained with a 4% ext., prepd. by infusing superphosphate with hot water for 2-3 hrs. A max. yield of the ext. was obtained from malt acidified with superphosphate. W. R. Henn</p>	
ASAC-55A METALLURGICAL LITERATURE CLASSIFICATION		EDUCATION	
EDUCATION		EDUCATION	

16	
CA	<p>Steeping unfermented material with acidification. 1. A. Vesslov, Uspenskaya, Gursinski and Lapshova. <i>Kon'sul'skoe Pivovarn. Prom.</i> 1949, No. 10, 15-19; <i>Khim. Repts. Zhur.</i> 1949, No. 3, 121. Unfermented barley flour is saccharified in 2 phases. In the 1st phase the splitting of proteins takes place at pH 4.23. At this acidity the velocity of saccharification and the yield of the ext. increase, the conditions for the action of proteolytic enzymes improve and the amt. of N sol. in the mash increases. Acidification with H_2SO_4 produces some gypsum (which improves the quality of wort and beer) and K_2HPO_4 (which sustains the pH value at the most favorable level). The total duration of the 1st phase is 2 hrs. 10 min. In the 2nd phase the saccharification and splitting of the N complex of malt take place. It is carried out with tap water at 37° (pH approx. 7). W. R. Henn</p>
<p>ASB-512 METALLURGICAL LITERATURE CLASSIFICATION</p>	
<p>FROM SOURCE</p>	
<p>DATE</p>	

CA

Utilization of the energy of oxidation processes by mold fungi. 1. N. V. Voshchinskaya. *Nauch.-Issledovatel'sk. Rabot. Tsentral. Nauch.-Issledovatel'sk. Lab. Brodit'sno Prom., Sekt. Khim. Kisl. 1940, 84 100; Khim. Referat Zhur. 1940, No. 10, 38. Tabulated results of the investigation of the utilization of the energy of oxidation *Aspergillus niger*, *A. fumigatus* and *A. flavus* indicate that the total coeff. of the utilization of energy of glucose and fat decreases with age. The amt. of heat formed per unit wt. of the mycelium grown on fat and glucose is greater for fat, but the intensity of the formation of CO_2 in no case corresponds with the formation of heat. Energy of oxidation is utilized for endothermal processes of the synthesis.*

W. R. Henn

11 C

ASAC-55A METALLURGICAL LITERATURE CLASSIFICATION

VESELOV, I. Ya. - Dr. Tech. Sci.

Dissertation: "Thermogenesis and Breathing of Grain in Malt Making." Inst. of National Economy, imeni G. V. Plekhanov, 23 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

VESELOV, I. Ya.-author of "On the biochemical changes in grain in the process of
malt growing."

SO: Vkusovaya Prom-st' SSSR, No 1, 1948, Unclassified

oh

VESELOV, I. YA.

Micro-organisms

Selection and cultivation of industrial microorganisms., Mikrobiologiya., 20, no. 6,
1951.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

VESELOV, I.Ya.

Energetics of biological synthesis. Biokhimiia 18 no.4:499-503 J1-ag '53.
(MLR 6:8)
(Biochemistry)

VSELOV, I.Ya., CHERKASOVA, A.A.

Solubility of carbon dioxide in beer and nonalcoholic beverages
and the manometric method for determining it. Trudy VNIIPP no. 4:4-
15 '54. (MLRA 10:1)

(Carbon dioxide) (Beer) (Beverages)

VESELOV, I.Ya.; PREOBRAZHENSKIY, A.A.; LITVINOVA, Ye.V.; RAYEVSKAYA, O.O.

Purity of the pitching yeast as a factor in beer stability. Trudy
VNIIPP no.4:22-32 '54. (MLRA 10:1)
(Yeast) (Beer)

VESELOV, I.Ya.; LITVINOVA, Ye.V.; RAYEVSKAYA, O.G.

Using 131K yeast culture for the production of velvet [dark] beer.
Trudy VNIIPP no.4:48-51 '54. (MLRA 10:1)
(Beer) (Yeast)

VESELOV, I. Ya.

The rate of yeast metabolism during the period of beer fermentation. I. Ya. Veselov and V. M. Levina. *Trudy Vsesoyuznogo Nauchno-Issledovatskogo Instituta Pivovarenstva*, 1954, No. 1, 1-10, 11 figs., 10 refs. (Russian).
1955 No. 10, 1-10. Fermentation by yeasts is not regarded as a simple process of energy exchange, since the products of fermentation are utilized in the synthesis of proteins and N-free substances in the process of yeast proliferation. When radio-labeled glucose was supplied, 60% of the radioactivity was detected in the proteins and amino acids of the yeast cells. When radio-labeled acetaldehyde was added to the fermenting substrate together with unlabeled glucose, radioactivity was detected in the amino acids of the autolyzed cells, leading to the conclusion that acetaldehyde participates in the synthetic processes. A study of the liberation by yeasts of P^{32} into the substrate during the process of fermentation indicates that P exchange proceeds at the rate of 1.8% of its content in the yeasts per day.

B. S. Levine

(1)

Veselov, I. Ya.

✓ Catalase and peroxidase activity of beer during the process of fermentation and aging. I. Ya. Veselov and V. M. Levacheva. *Trudy Vsesoyuz. Nauch. Issledovatel. Inst. Pivov. Prom.* 1954, No. 4, 66-72; *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 6650. — The raw components of beer, barley, malt, and, to a lesser degree, hops contain a considerable amt. of catalase and peroxidase which find their way into the fermenting mass. During boiling these enzymes become inactivated. Green and aged beer contain a slight amt. of catalase originating from the yeasts, but peroxidase is entirely absent. The introduction of malt husks, which are rich in catalase and peroxidase into the fermenting wort, affects the fermentation process favorably. The addition of 1% of malt husks hastens the process of fermentation, lowers the aldehyde content of the green beer, extends the period of 2,6-dichlorophenylindophenol decoloration apparently due to the presence of reducing substances, and hastens the process of beer ripening. B. S. Levine

VISHILOV, I.Ya.; ZANECHENKO, V.A.

Removal of volatile reducing substances during barley malting.
Truly VNIIPP no.4:106-107 '54. (MLRA 10:1)
(Barley) (Reduction, Chemical) (Brewing)

V. 84.66, I. Ya.
ZENCHENKO, V.A.; VESELOV, I.Ya.

Transformation of pentosans during barley malting. Trudy VNIIPP
no.4:108-116 '54. (MIRA 10:1)
(Barley) (Pentosans)

VESEL'OV I

YA

N/5
729.82
.V5

Rasvitiye pivovarennoy promyshlennosti SSSR
(Development of the beer brewing industry of the USSR, by)
I. Ya. Veselov (i) A. A. Shatkhan.
Moskva, Fishchepromizdat, 1955.
189, (3) illus., diagrs., tables.
"Ispol'zovannaya Literatura". p. 188-190.

VESELOV, I. Ya. and LEVACHEVA, V.M.

"(On the Rate of Secretion of Tagged Phosphorus and Carbon from Yeast Cell Tissues During the Process of Fermentation," edited by A. A. Imshenetskiy, Corresponding Member, Academy of Medical Sciences USSR, Moscow, Publishing House of the Academy of Sciences USSR, 1955, 239 pp

Sum 1467

VESELOV, I. Ya.

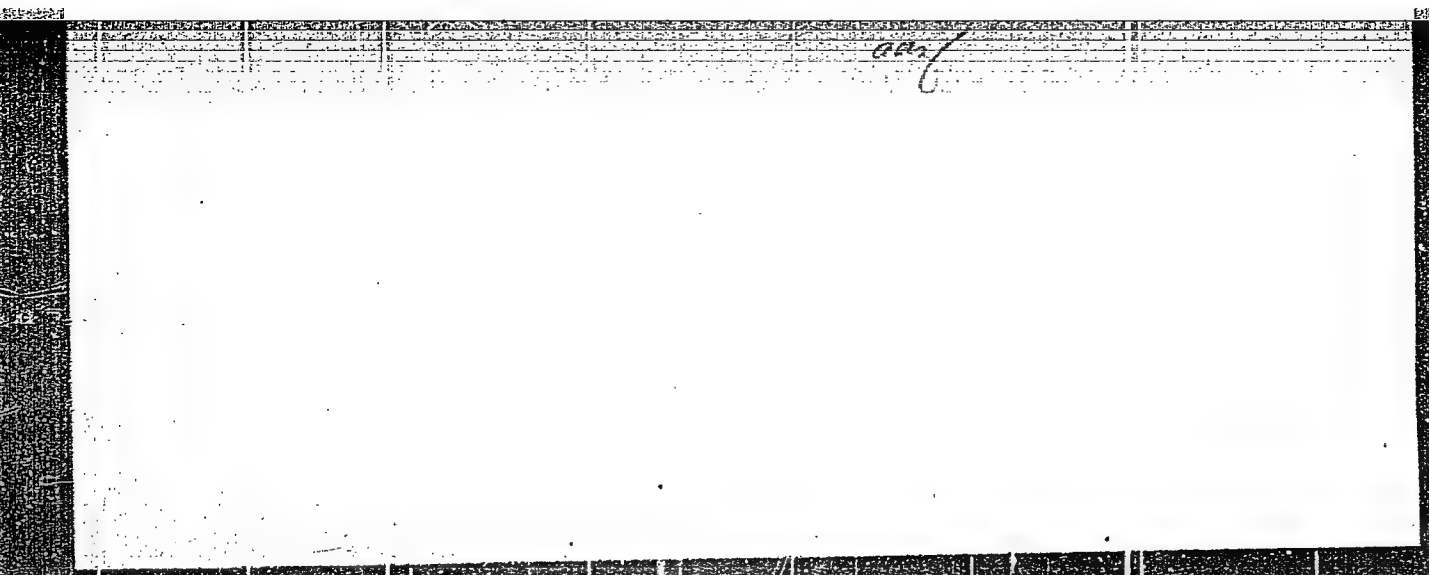
✓ Carbon-14 in the study of the rate of metabolism of substances in yeast and acidophilous bacteria. I. Ya. Veselov, MD, V. M. Levachova, and E. G. Frolova. *Soviet Acad. Sci. USSR, Ser. Biol. Sci., 1955, Zasedaniya. Otdel. Biol. Nauk, 270-87* (English summary, 287-8).—Incorporation of C^{14} from labeled glucose, AcH, and AcOH into yeasts was studied. C^{14} enters firmly into the compn. of yeast; during main fermentation when intense fermentation of glucose occurs, no loss of the label to the medium takes place. The loss begins at the period of retardation of the rate of fermentation. Fermentations with *Lactobacillus delbrückii* in labeled glucose results in incorporation of C^{14} into carbohydrates, from which nitrogenous labeled compds. arise; for such fermentation in unlabeled glucose in the presence of C^{14} -labeled nitrogenous compds. (amino acids formed from tracer expts. with yeasts), the relative activity of the N compds. is lower than their activity in the medium. Thus the intermediate carbohydrate metabolites participate in conversion of N compds. of the medium to those within the organism of *L. delbrückii*.
G. M. Kosolapoff

MD

2

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CIA-RDP86-00513R001859610014-6



APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610014-6"

VESELOV, I.Y., POKROVSKAYA, N. V. RYLKIN, S. S. and SHIL, V. N.

"Certain data concerning the physiology of yeast in fermentation of malt must," a paper submitted at the International Conference on Radioisotopes in Scientific Research, Paris, 9-20 Sep 57.

VESELOV, I. YA.

USSR/Microbiology / Industrial Microbiology.

Abs Jour : Ref Zhur - Biol., No 5, 1958, 19446

Author : Veselov, I. Ya., Shil, V.N.

Inst :

Title : Comparison of Biological Stability and Beer Microflora,
Determined by New and Old Methods.

Orig Pub : Tr. Vses. n.-i. in-t pivovar. prom-sti, 1957, No 6, 3-7

Abstract : No abstract..

Card 1/1

USSR / Microbiology. General Microbiology. Physiology and Biochemistry. F

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 94992

Author : ~~Veselov, I. Ya.~~; Pokrovskaya, N. V.
Inst : All-Union Scientific-Research Institute of the
Brewing Industry.

Title : Influence of Carbohydrates on the Reproduction
and Fermentation of Yeasts.

Orig Pub : Tr. Vses. n.-i. in-t pivovar. prom-sti, 1957,
vyp. 6, 32-42

Abstract : No abstract.

Card 1/1

VESELOV, I. YA.

USSR/Microbiology - Industrial Microbiology.

F-3

Abs Jour : Ref Zhur - Biol., No 5, 1958, 19447

Author : Veselov, I.Ya., Pokrovskaya, N.V., Rylkin, S.S.

Inst :

Title : Participation of CH_3COOH and CO_2 in the Biosynthesis of
Brewers' Yeast and Formation by Yeast of Substances Cau-
sing Turbidity of Beer on Storage.

Orig Pub : Tr. Vses. n.-i. in-t pivovar. prom-sti, 1957, No 6, 141-
149

Abstract : No abstract.

Card 1/1

VESELOV, I.Ya.; KUZNETSOVA, E.G.

Physiological role of the formation of lactic acid by homofermentative lactic acid bacteria. Trudy Inst. mikrobiol. no. 6:61-71 '59.
(MIRA 13:10)

1. Institut mikrobiologii AN SSSR.
(LACTIC ACID BACTERIA)

VESELOV, I.Ya.; SALMANOVA, L.S.

Developing the technology of preparation of a beer stabilizer.
Trudy VNIIPP no.7:56-63 '59. (MIRA 13:5)
(Beer) (Fermentation)

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(MICRO-ORGANISMS--INDUSTRIAL APPLICATIONS)

MAL'TSEV, Petr Mikhaylovich, prof., doktor tekhn.nauk; VESELOV, I.Ya.,
prof., retsenzent; SMIRNOV, V.A., prof., retsenzent; KUDLOVA,
G.I., red.; KISINA, Ye.I., tekhn.red.

[Technology of the fermentation industries; a general course]
Tekhnologiya brodil'nykh proizvodstv; obshchii kurs. Moskva,
Pishchepromizdat, 1960. 522 p. (MIRA 13:7)
(Fermentation)

VESHLOV, I.Ya.; SALMANOVA, L.S.

Destruction of the cell walls of barely endosperm by a cytase
preparation from *Trichotecium roseum*. Mikrobiologiya 29 no.1:
119-123 Ja-F '60. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut pivovarennoy
promyshlennosti, Moskva.

(FUNGI chem.)

(CARBOHYDRASES chem.)

(GRAIN)

VESELOV, I. YA. (USSR)

"Intensity of Metabolism in Brewers Yeast in various Conditions
of Fermentation."

Report presented at the 5th Int'l Biochemistry Congress,
Moscow, 10-16 Aug. 1961.

VSELOV, I. Ya., doktor biol.nauk; SHATKIN, A.S., kand.ekon.nauk;
DONSKOV, V.Ye., kand.ekon.nauk, retsenzent; KRUCHININ, V.F.,
inzh., retsenzent; PRITYKINA, L.A., red.; KISINA, Ye.I.,
tekhn.red.

[Brewing industry of the U.S.S.R. and prospects for its
development] Pivovarennaya promyshlennost' SSSR i perspektivy
ee razvitiya. Moskva, Pishchepromizdat, 1961. 236 p.
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(Brewing industry)

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VOVK, Ye.A., red.; GLAVINSKIY, D.G., red.; KRUCHININ, V.F.,
red.; CHUKMASOVA, M.A., red.; BELIKOVA, L.S., red.;
SOKOLOVA, I.A., tekhn. red.

[Manual on malt and beer production] Spravochnik po proizvod-
stvu goloda i piva. Pod obshchei red. M.T.Denshchikova. Moskva,
Pishchepromizdat, 1962. 862. (MIRA 15:11)
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VESELOV, I.Ya.; TIPOGRAF, D.Ya.; YURKOVA, A.I.

Formation of proteolytic ferments in deep grown bacteria. Izv.-
vys.ucheb.zav.; pishch.tekh. 2:24-29 '62. (MIRA 15:5)

1. Moskovskiy tekhnologicheskij institut pishchevoy promyshlennosti,
kafedra mikrobiologii. (FERMENTATION)

VESELOV, I.Ye.; SISETSKAYA, Ye.A.

Acceleration of the fermentation and settling of apple juice and brewer's wort in the presence of preparations of trichothaecium roseum fungus. Izv.vys.ucheb.zav.; pishch.tekh. no.3:55-58 '62. (MIRA 15:7)

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(Fermentation) (Apple juice) (Wort)

DENSHCHIKOV, Mikhail Tikhonovich, kand.tekhn.nauk; SILIN, P.M., prof.,
red.; VESELOV, I.Ya., prof., red.; SMIRNOV, V.A., prof., red.;
RZHEKHIN, V.P., red.; LEBEDEV, P.P., red.; KOVALENKO, Yu.T., red.;
KUPCHINSKIY, P.D., red.; BENIN, G.S., red.; P'YANKOV, A.G., red.;
SHNAYTMAN, L.O., red.; MOREV, N.Ye., red.; SHMAIN, M.M., red.;
BULGAROV, N.I., red.; MAYOROV, V.S., red.; TERNOVSKIY, N.S., red.;
RAZUVAYEV, N.I., red.; OGORODNIKOV, S.T., red.; BURMAN, M.Ye., red.;
KHOLOSITOV, V.A., red.; NAMESTNIKOV, A.F., red.; NASAKIN, T.N., red.;
KOVALYVSKAYA, A.I., red.; KISINA, Ye.I., tekhn. red.

[Wastes from the food industry and their utilization] Otkhody
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perer. Moskva, Pishhepromizdat, 1963. 615 p. (MIRA 16:6)
(Food industry--By-products)

VESELOV, I.Yu.; KANN, A.G.; GRACHEVA, I.M.

Formation of aldehydes and higher alcohols by yeasts *Saccharomyces vini*, *Sacch. carlsbergensis* and *Sacch. cerevisiae* in the presence of sulfites in the fermented medium. *Mikrobiologiya* 32 no.4:610-615
Jl-Ag '63. (MIRA 17:6)

1. Moskovskiy tekhnologicheskii inatitut pishchevoy promyshlennosti.

KVASNIKOV, Ye'geniy Ivanovich; KONDO, Galina Frolovna; PIDOPlichKA, N.M., doktor biol. nauk, retsenzent; UNGUR'YAN, P.N., zasl. deyatel' nauki i tekhniki Moldavskoy SSR, retsenzent; VESELOV, I.Ya., doktor biol. nauk, retsenzent; PRITYKINA, L.A., red.

[Lactic acid bacteria of wine and the fundamentals of the regulation of their activity] Molochnokislye bakterii vina i osnovy regulirovaniya ikh zhiznedeiatel'nosti. Moskva, Pishchevaia promyshlennost', 1964. 44 p. (MIRA 17:9)

1. Chlen-korrespondent AN Ukr.SSR (for Pidoplichka).
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Effect of various amylolytic enzymes on the process of corn
saccharification. Prikl. biokhim. i mikrobiol. 1 no.3:285-293
My-Je. '65. (MIRA 18:7)

1. Moskovskiy tekhnologicheskii institut pishchevoy promyshlennosti.

BULGAKOV, Nikolay Ivanovich; VESELOV, I.Ya., prof., retsenzent;
GUZENBERG, A.I., inzh., retsenzent [deceased]; SMIRNOVA,
M.K., red.

[Biochemistry of malt and beer] Biokhimiia soloda i piva.
Moskva, Pishchevaia promyshlennost', 1965. 487 p.
(MIRA 18:9)

VESELOV, I.Ya.; TIPOGRAF, E.Ya.; PETINA, T.A.

Aspergillus candidus as producer of abomasal enzyme. Prikl. biokhim.
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1. Tekhnologicheskii institut pishchevoy promyshlennosti, Moskva.

VALIKOV, I.Ya.; et al.

Characteristics of malt and barley starch and rate of its
saccharification. *Trinkl. biokhimi. i mikrobiol.* 1 no.1:110-112
Jan-F. '65. (MIRA 18:5)

1. Tekhnologicheskii institut pishchevoy promyshlennosti, Moskva.

VESELOV, I.Ya.; GRACHEVA, I.M.; MIKHAYLOVA, L.Ye.; ADYASOV, M.V.

Effect of temperature conditions on the formation of fermentation by-products in beer. Spirt.prom. 29 no.5:13-16 '63. (MIRA 17:2)

1. Moskovskiy tekhnologicheskij institut pishchevoy promyshlennosti (for Veselov, Gracheva, Mikhaylova).
2. Ostankinskiy pivovarennyy zavod (for Adyasov).

VESELOV, I.Ya.; KANN, A.G.; GRACHEVA, I.M.

Synthesis of amino acids and formation of higher alcohols during
fermentation. *Ferm. i spirt.prom.* 30 no.8:7-11 '64. (MIRA 18:1)

1. Moskovskiy tekhnologicheskii institut pishchevoy promyshlennosti.

VESELOV, Ivan Yakovlevich, prof.; CHUKMASOVA, Mariya Alekseyevna,
inzh.; OSTAFETS, N.A., retsenzent; ASLANOV, A.Ye.,
retsenzent; KOVALEVSKAYA, A.I., red.; KISINA, Ye.I., tekhn.
red.

[Beer technology] Tekhnologiya piva. Izd.2., dop. i perer.
Moskva, Pishchepromizdat, 1963. 450 p. (MIRA 17:1)

VESELOV, K.S.

Facing slabs with tiles made of window glass wastes.

Transp. stroi. 13 no.2:27-28 F '63.

(MIRA 16:3)

1. Instruktor Tashkentskey normativno-issledovatel'skoy
stantsii.

(Tiles)

VESELOV, K.S.

Decorative stone plastering. Transp. stroi. 12 no.12:50-51
D '62. (MIRA 16:1)

1. Instruktor peredovykh metodov Tashkentskoy normativno-issledovatel'skoy stahtsii Orgtransstroya.
(Dushanbe--Railroads--Stations) (Plastering)

VESELOV, K. YE.

VESELOV, K. YE. -- "Development of Astatic Quartz Gravity Meters." Sub 31 Oct 52,
Sci Res Inst of Geophysical and Geochemical Methods of Prospecting. (Dissertation
for the Degree of Candidate in Technical Sciences.)

SO: VECHERNAYA MOSKVA, January-December 1952

~~VESELOV, I. Ye.~~; LUKAVCHENKO, P.I.; PETROVA, Ye.M.; LOZINSKAYA, A.M.,
redaktor; KOVALEVA, A.A., vedushchiy redaktor; TROFIMOV, A.V.,
tekhnicheskiy redaktor

[GAK-3M astatized quartz gravimeter; theory, design and use]
Kvartsevyi astazirovannyi gravimetr GAK-sM; teoriia ustroistvo i
sposob primeneniia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i
gorno-toplivnoi lit-ry, 1954. 36 p. [Microfilm] (MIRA 8:2)

1. Moscow. Nauchno-issledovatel'skiy institut geofizicheskikh metodov
razvedki.
(Gravimeters)

VESELOV, K. Ye.

VESELOV, K. Ye.

Use of the second vertical derived gravitational potential in
geological interpretation of prospecting on the basis of gravity.
Prikl.geofiz.no.11:152-162 '54. (MLRA 8:10)
(Prospecting--Geophysical methods)

VESNILOV, K.Ye.

Elementary theory of gravimeters established on the principle of
spring balances. Prikl.geofiz. no.12:127-156 '55. (MIRA 8:3)
(Gravimeter)

15-57-5-6834

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 159 (USSR)

AUTHOR: Veselov, K. Ye.

TITLE: The Static Method of Measuring Gravity at Sea by Using
an Elastic System of the Rotating Type (O staticheskoy
sposoby izmereniy sily tyazhesti na more s pomoshch'yu
uprugoy sistemy vrashchatel'nogo tipa)

PERIODICAL: Prikl. geofizika, Nr 15, 1956, pp 91-102.

ABSTRACT: The author considers the activity of a vertical dis-
turbance acceleration on the elastic system of a gravi-
meter with strong damping. He shows that, by using a
static gravimeter, the elastic system of which is
strongly damped, it is possible to measure gravity at
sea aboard ship with a satisfactory degree of pre-
cision. For marine measurements, elastic systems of
the rotational type are chiefly used because of the
small influence of movement on calculating the hori-
zontal component of acceleration.

Card 1/1

A. L.

VERNILOV, I.Ye.

Determination of rock density based on well gravimetric measurements.
Развед. i prom. geofiz. no. 16:58-62 '56. (MLRA 10:8)
(Rocks---Analysis)

VESELOV, K. Ie.

Use of $\partial g/\partial z$: gravimetric surveys. R. 20.6. i. 10.1. 20.25: (MIRA 12:4)
62-71 '50. (Prospecting--Geophysical methods)

VESELOV, K. Ye.

"With Golomb, V. E., Kalisheva, L. V., Kudymov, B. Ya., Lozinskaya, A. I.
Review of P. I. Lukavchenko's "Gravimetric Exploration for Oil and Gas"

p. 245 in book Applied Geophysics, Collection of Articles, No. 19 Moscow,
Gostoptekhnizdat, 1958, 253pp.

The articles are devoted to a discussion of methods of interpreting various types of electrical logs, methods of determining the porosity, permeability, and specific surface characteristics of water bearing rocks, and methods of determining the physical properties of sediments and the characteristics of various physical parameters. A description of piezoelectric pressure recorders used in seismic exploration is also given.

VESELOV, K.E.

PHASE I BOOK EXPLOITATION 1077

Prikladnaya geofizika; sbornik statey, vyp. 20 (Applied Geophysics; Collection of Articles, v. 20) Moscow, Gostoptekhizdat, 1958. 267 p. 3,000 copies printed.

Sponsoring Agency: Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki.

Ed.: Polshkov, M.K.; Executive Ed.: Kuz'mina, N.N.; Tech. Ed.: Solomonidin, S.M.

PURPOSE: This collection of articles is published for scientific, engineering and technical personnel interested in problems of applied geophysics.

COVERAGE: These articles are concerned with the methodology of interpreting the results of gravimetric, seismic and electrical surveys. A new method of depth finding using ultrasonic principles is described in the article by L.A. Sergeyev. Other articles review the collecting properties of rocks on the basis of data obtained from resistometers and the application of charged particle accelerators in well logging.

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Applied Geophysics; Collection of Articles, v. 20)

1077

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1-23-59

~~VESHLOY K.I.~~; GOLOMB, V.M.; KALISHOVA, I.V.; KUDIMOV, B.Ya.; LOZINSKAYA,
A.I.

On P.I. Lukavchenko's book: "Gravimetric prospecting for oil and
gas." Reviewed by K.E. Veselov and others. Prikl. geofiz. no.19:
245-254 '58. (MIRA 11:4)

(Prospecting—Geophysical methods)
(Lukavchenko, P.I.)

SHOKIN, Panteleymon Fedorovich; BULANZHIN, Yu.D., retsenzent; LOZINSKAYA, A.M., retsenzent; VASKOV, K.Ye., retsenzent; KHNYETS, M.Ye., retsenzent; MAKAROV, N.P., retsenzent; MAKAROV, N.P., retsenzent; ALEXANDROV, S.Ye., red.; VASIL'YEVA, V.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Gravimetry; apparatus and methods for gravity measurements]
Gravimetriia; pribory i metody izmereniia sily tiashesti. Moskva, .
Izd-vo geodes.lit-ry, 1960. (MIRA 13:5)
(Gravity)

[illegible]

Case 4/6

Card 5/6

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9.6/60

21531

3/552/60/000/026/003/003

AUTHOR: Veselov, K. Ye.

TITLE: On the Influence of Vertical Accelerations on the Reading of a Sea Gravimeter

SERIAL: Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki. Prikladnaya geofizika. Sbornik statey, no. 26, Moscow, 1960. 107-112

TEXT: In addition to the force of gravity, vertical and horizontal as well as radial and tangential accelerations exert an influence on a strongly damped sea gravimeter placed in a Cardan suspension. Previously it was proposed that under the influence of these accelerations the mobile system of the gravimeter effects small swings so that the cosines of their angles may be assumed to be unity. In this case, under the influence of a sinusoidal acceleration, the mobile system of the gravimeter will effect motions described by linear differential equations of second order. Conclusions: The solution of a nonlinear differential equation has confirmed the author's concept that there exists a systematic influence of sinusoidal vertical acceleration on the readings of a damped sea gravimeter placed in a Cardan suspension. The value of this influence is proportional to the square of the coefficient of dynamism and the squares

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On the Influence of Vertical Accelerations on the
Reading of a Sea Gravimeter

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of the amplitude of vertical acceleration and angular sensitivity. Since the coefficient of dynamism is inversely proportional to the value of angular sensitivity, a change in angular sensitivity will not change the value of the systematic influence of sinusoidal vertical acceleration on the reading of the damped sea gravimeter. The introduction of strong damping makes it possible to hold the arm of the gravimeter on the reading scale and to eliminate almost completely the systematic influence of sinusoidal vertical accelerations on the readings. This influence will continue to drop off, the greater is the damping. There is one figure and three Soviet references.

Card 2/2

VESELOV, Konstantin Yevgrafovich; LOZINSKAYA, A.M., red.; DEMENT'IEVA, T.A.,
ved. red.; FEDOTOVA, I.G., tekhn. red.

[Quartz astatized gravimeters; theory of the instruments, their design,
and use] Kvartsevye astazirovannye gravimetry; teoriya priborov, ikh
ustroistvo i rabota s nimi. Moskva, Gos.nauchno-tekhn.izd-vo nefte.i
gorno-toplivnoi lit-ry, 1961. 175 p. (MIRA 14:12)
(Gravimeter (Geophysical instrument))

S/035/62/000/002/040/052
A001/A101

AUTHORS: Veselov, K. Ye., Yevdokimov, Yu. S., Zhilin, A. V., Telepin, M. A.

TITLE: The gravimetric survey with marine static gravimeters on the Okhotskoye Sea and Pacific Ocean

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 26, abstract 2G160 (V sb. "Prikl. geofizika", no. 29, Moscow, 1961, 136 - 156)

TEXT: The purpose of research was the study of depth structure of the Earth's crust in the transition zone from the Asiatic continent to the Pacific in the region of the Kurilo-Kamchatka island row. The observations were conducted from a moving ship with quartz non-astatized gravimeters with horizontal filament and liquid temperature compensation, provided with strong damping and mounted on Cardan suspension. The measurements were carried out simultaneously with three gravimeters, two of which were equipped with photorecording devices. The magnitude of a random error in measurements with the group of instruments did not exceed ± 1.8 mgal. The accuracy of visual observations was somewhat lower than the accuracy of measurements with photorecording. In processing the results were

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The gravimetric survey with...

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introduced the corrections of Etvoes and Pray (for depth) and anomalies of Fay and Bouguer were then calculated. The density of the intermediate layer was assumed to be 2.65 and water density - 1.03. For all three profiles the curves of gravitational field in Fay reduction almost do not differ from each other. The Okhotskoye Sea is characterized by a weak positive field, a small coastal effect distinctly appears at the Sakhalin shelf. The coastal effect is greater in the zone of the Kuril'skaya arc. In the Ocean the curve of Fay anomalies remains in the region of positive values, which are larger than on the Okhotskoye Sea. The authors calculated for the southern and northern profiles density drops from the upper boundary to the lower one, and the densities proper for three layers in the northern section and four layers in the southern one. ✓

I. Yesakov

[Abstracter's note: Complete translation]

Card 2/2

9.6160

40222

S/169/62/000/007/048/149
D228/D307

AUTHOR:

Veselov, K. Ye.

TITLE:

Development of the high precision ГAK-6M (GAK-6M) gravimeter

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 7, 1962, 27, abstract 7A174 (V sb. Sostoyaniye i perspektivy razvitiya geofiz. metodov poiskov i razvedki polezn. iskopayemykh, M., Gostoptekhizdat, 1961, 410-413)

TEXT: The high-precision GAK-6M gravimeter was developed on the basis of improving the GAK-3M quartz thermostatless gravimeter. In the GAK-6M gravimeter there is a temperature compensator, allowing the curvilinear temperature curve to be compensated. Over a 30-degree range of temperature measurement the temperature coefficient does not exceed 0.3 - 0.5 milligal per degree. The quartz system's thermal insulation was also improved. The angular sensitivity of the GAK-6M resilience system is higher as compared with that of the GAK-3M, and the device's sensitivity threshold equals

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Development of the ...

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D228/D307

0.005 milligal. The precision of the measuring system's performance amounts to 0.02 milligal. Radioactive material, which substantially decreased the influence of electrostatic charges, was introduced inside the frame of the GAK-6M quartz system. The quartz system's damping was increased, too, by means of a quartz plate, attached to the resilience system's pendulum. The total weight of the GAK-6M gravimeter was decreased in comparison with previous models to 4 kg. Proving and commercial tests of GAK-6M gravimeters showed that the accuracy of a single measurement equals $\pm 0.05 - 0.06$ milligal on 5 - 6 hr traverses and $\pm 0.03 - 0.04$ milligal on 3 hr traverses. The tests showed, too, that the settling time of the gravimeter's pendulum is very long. This appears to be related to the slow discharge of electric charges, accumulating on the system. [Abstracter's note: Complete translation.] X

Card 2/2

NEMTSOV, L.D.; VESELOV, K.Ye., red.

[Tables of gravitational effects for calculating gravity anomalies due to three-dimensional bodies of arbitrary shape and size] Tablitsy gravitatsionnykh effektov dlia vychisleniia anomalii sily tiazhesti ot ob"emnykh tel proizvol'noi formy i razmerov. Moskva, Vses. nauchno-issl. in-t geofizicheskikh metodov razvedki, 1962. 105 p. (MIRA 17:7)

VESELOV, K.Ye.; VASIL'YEVA, I.L.; KRAVCHENKO, M.D., red.; BORUSHKO,
T.I., red. izd-va; SHMAKOVA, T.M., tekhn. red.

[KVG-1M gravimeter and its working principles] Gravimetr KVG-1M,
princip ustroistva i rabota s nim. Moskva, Gosgeoltekhizdat,
1962. 32 p. (MIRA 16:2)
(Gravimeter (Geophysical instrument))

VESELOV, K. YE.

Dissertation defended for the degree of Doctor of Technical Sciences
at the Joint Scientific Council of the Geophysical Institute of the
Academy of Sciences USSR -- Earth Physics, Atmospheric Physics, and
Applied Geophysics in 1962:

"Development of High-Current Quartz Astatized Gravimeters."

Vest Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

MUDRETSOVA, Ye.A.; VESELOV, K.Ye., nauchn. red.; ANOKHINA, L.A.,
red.; IVANOVA, A.G., tekhn. red.

[Method of underground gravity prospecting with gravi-
meters in ore fields] Metodika podzemnykh gravirazvedoch-
nykh rabot s gravimetrami na rudnykh mestorozhdeniyakh.
Moskva, M-vo geol. i okhrany neдр SSSR. Otdel nauchno-
tekhn. informatsii VIMSa, 1963. 34 p. (MIRA 17:1)
(Prospecting--Geophysical methods)

L 23069-65 ENT(1)/ED(v) Fe-5/Pg-4/Po-4/Eq-4 GW

ACCESSION NR: AT4049376

S/2552/64/000/040/0120/0126

AUTHOR: Veselov, K. Ye.

TITLE: Measurements in motion of the elements of the gravitational field

SOURCE: Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki. Prikladnaya geofizika, no. 4, 1964, 120-126

TOPIC TAGS: gravimetry, gravitational field, marine gravimetry, aerial gravimetry, frequency filtering

ABSTRACT: Since three quarters of the earth's surface are under water, gravitational measurements must be often carried out on moving ships or aircraft. The gravitational field in this case must, of course, be separated from variations in motion which act as a kind of perturbation) by means of various devices using large damping or electrical and other filters. However, in the case of aircraft, their high speeds and irregular changes in altitude make the frequency filtering methods ineffective. Consequently, the author studied ways for separating the effects of the gravitational and acceleration fields based on their different spatial variation. He discovered that, while measuring the second vertical derivative of the gravitational acceleration, the reading of the instrument

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is not affected by the acceleration of objects as long as one uses a compensation method. The present day instruments would permit the determination of the third derivative with an accuracy of 1 m/sec^3 which is of the order of magnitude of the existing anomalies which should be measured. The instruments measuring the second derivative would have to be spaced 100 cm apart. The intended use in aircraft of these improvements could not be achieved by increasing the size of the device but rather by increasing the precision of the instruments. Orig. art. has: 8 formulas, 2 figures, and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 000

OTHER: 000

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L 60219-65 EMI(1)/EMG(v) - 12e-4/Pe-5/Pq-4/Pr-4 GN
ACCESSION NR: AP5019056

UR/0286/65/000/012/0084/0084

AUTHORS: Vesselov, K. Ye.⁴⁴; Gorin, V. P.⁴⁴; Bagdasaryants, V. O.⁴⁴

TITLE: Gravimeter. Class 42, No. 172069

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 84

TOPIC TAGS: gravimeter, gravitation effect, measuring instrument

ABSTRACT: This Author Certificate presents a gravimeter containing an elastic system of a rotary type and a damping mechanism (see Fig. 1 on the Enclosure). To regulate the damping process while the gravimeter is used at rest or in motion, the damping mechanism is made in the form of a frame with two windings. The frame is placed in the field of a permanent magnet.